

## Falcon Field Airport Construction Notices

Beginning in May and continuing into the fall, several improvement projects are planned at Falcon Field Airport that are designed to extend the life of facilities and ensure a safe, pleasant experience for pilots. Runway closures are timed to accommodate multiple projects simultaneously to minimize closures.

Falcon Field must coordinate with other City of Mesa departments as well as the Arizona Department of Transportation (ADOT) and the Federal Aviation Administration (FAA) on funding and construction schedules, so the airport does not have sole discretion on project timing. However, every effort has been made to coordinate with airport businesses and tenants to minimize impacts.

The City of Mesa, Falcon Field staff, and the contractors will work to complete the projects as quickly as possible while minimizing inconvenience to Airport users. As with any construction project, weather and unforeseen circumstances can cause delays.

### **Project: Runway Guard Lights, Runway End Identifier Lights (REILs), & Precision Approach Path Indicator Lights (PAPIs)**

**Estimated Start Date:** May 2014

**Estimated End Date:** October 2014

**Contractor:** AJP Electric

**Funding:** Federal/State/Airport

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Three lighting projects will be completed simultaneously with one contractor to minimize runway closures.

- Runway guard lights benefit pilots and vehicle drivers on the airfield by providing elevated lights at runway/taxiway intersections highlighting critical hold positions. These safety enhancements are designed to reduce runway incursions.
- REILs aid pilots in rapid identification of the approach ends of the runways to assist them in landing.
- PAPIs provide descent guidance to pilots while they are approaching the runways. On the north runway (Runway 4L/22R), the existing two-box PAPIs will be replaced with new two

box PAPIs. On the south runway (Runway 4R/22L), the existing two-box PAPIs and will be replaced with four-box PAPIs to better serve larger, faster aircraft.

On runways 4L and 4R, existing PAPIs are currently set at 3 degrees, and the new lights will be set at 4 degrees. PAPIs on 22L and 22R are currently set at 4 degrees and will remain so. The increased angle will allow aircraft to fly higher on approach to reduce noise over nearby residential areas. The City of Mesa coordinated with, and received approval from, the FAA for the changes.

Work will begin and closure will occur first on Runway 4L/22R. During that time, Runway 4R/22L will remain open at all times. Once the lighting infrastructure has been installed on Runway 4L/22R, it will open and Runway 4R/22L will be closed. Either Taxiway A or Taxiway C will remain open at all times to ensure access to each side of the airfield. The contractor is required to have both runways open on weekends throughout the project's duration.

### **Project: Water Tower Painting**

**Estimated Start Date:** June 2014

**Estimated End Date:** Late July 2014

**Contractor:** To be determined

**Funding:** Airport

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The water tower will be re-painted to encapsulate lead-based paint. It will be re-painted gray. The City of Mesa logo will be painted on the southwest side facing the intersection of McKellips and Greenfield roads. The Falcon Field Airport logo will be painted on the northeast side facing the airfield.

### **Project: Falcon Ramp Rehabilitation – Phase 2**

**Estimated Start Date:** July/August, 2014

**Estimated End Date:** November 2014

**Contractor:** To be determined

**Funding:** State/Airport

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The first phase of pavement rehabilitation on the Falcon Ramp was completed in 2012. The second phase in 2014 will include the ramp in front of the Airport terminal building/Falcon Executive Aviation to Taxiway B, as well as the area south of the covered tie-downs near the World War II hangars. Additional pavement around the covered tie-downs and around hangars A & B may be included depending on the amount of the bid.

This project will reconstruct existing ramp pavements and install new tie-down anchors and pavement markings. Spacing between existing open tie downs also will be modified to provide more space between aircraft. Existing pavement will be milled and paved 4 inches.

Aircraft parked on the affected open tie-downs will be re-assigned temporary parking locations. Owners of aircraft parked in City-owned shades, hangar buildings A and B, or on impacted ground lease locations will need to arrange for temporary alternate parking if runway access is required during this project. Once the project contractor has been hired, final phasing and project areas will be determined, and the airport will contact and communicate with affected tenants.

### **Project: Runway 4L/22R Pavement Overlay**

**Estimated Start Date:** August 2014

**Estimated End Date:** October 2014

**Contractor:** Cactus Asphalt

**Funding:** State/Airport

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During this project, pavement on the entire length of Runway 4R/22L (south runway) will be milled one inch and re-paved with one inch of asphalt, then markings will be repainted. This project will be completed at the same time as the three runway lighting projects to minimize runway closures required.

Under its Airport Pavement Maintenance System (APMS), the Arizona Department of Transportation inspects pavements every three years at public use airports statewide and develops a pavement maintenance plan based on these engineering inspections. They then plan and implement all aspects and phases of the projects within the plan.

For specific project questions, contact Brad Hagen, Airport Projects & Operations Supervisor, at (480) 644-4230 or [brad.hagen@mesaaz.gov](mailto:brad.hagen@mesaaz.gov). Thank you for your patience and understanding as we complete these important airport improvement projects.